

COUNTY COUNCIL
OF
HARFORD COUNTY, MARYLAND

BILL NO. 90-50 (AS AMENDED)

Introduced by Council President Wilson
at the request of the County Executive
Legislative Day No. 90-25 Date August 7, 1990

AN ACT to add new subsection J and to repeal and re-enact with amendments, Subsection C and Subsection D(7) of Section 256-59, heading Limitations on Discharge, of Article VIII, heading Sewage Collection and Treatment, of Chapter 256, heading Water & Sewers, all of the Harford County Code as amended, to provide legislation Code, as amended; to permit the prohibition of certain substances in the wastewater discharges of industrial and commercial users from being discharged into the County's publicly operated treatment works works; to require approval from the County Council for certain regulations relating to wastewater discharges; and generally relating to wastewater discharges.

By the Council, August 7, 1990

Introduced, read first time, ordered posted and public hearing scheduled
on: September 6, 1990
at: 6:00 P.M.

By Order: Doris Poulsen, Secretary
if

PUBLIC HEARING

Having been posted and notice of time and place of hearing and title of Bill having been published according to the Charter, a public hearing was held on September 6, 1990, and concluded on, September 6, 1990

Doris Poulsen, Secretary
if

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW. [Brackets] indicate matter deleted from existing law. Underlining indicates language added to Bill by amendment. Language lined through indicates matter stricken out of Bill by amendment.

1 Section 1. Be It Enacted by the County Council of Harford County,
2 Maryland, that Subsection C and Subsection D(7) of Section 256-59,
3 heading Limitations on Discharge, of Article VIII, heading Sewage
4 Collection and Treatment, of Chapter 256, heading Water & Sewers,
5 all of the Harford County Code as amended, be and it is hereby
6 repealed and re-enacted with amendments, all to read as follows:

7 Section 256.59. Limitations on discharge.

8 [C. Except as otherwise provided, discharge of wastewaters
9 into the sewer system containing the following substances are
10 prohibited:

11 (1) Liquids containing more than twenty-five (25) mg/l
12 of petroleum oil, nonbiodegradable cutting oils or other products
13 of mineral oil origin.

14 (2) Discharges from industrial users which contain
15 floatable oils, fats or grease.

16 (3) Discharges from any user containing more than one
17 hundred (100) mg/l of fats, oils or grease.]

18 C. EXCEPT AS OTHERWISE PROVIDED, DISCHARGE OF WASTEWATERS
19 INTO THE SEWER SYSTEM CONTAINING THE FOLLOWING SUBSTANCES, IN
20 CONCENTRATIONS DETERMINED BY THE COUNTY AND PUBLISHED IN THE WATER
21 AND SEWER RULES AND REGULATIONS, ARE PROHIBITED:

22 (1) LIQUIDS CONTAINING PETROLEUM OIL, NONBIODEGRADABLE
23 CUTTING OILS OR OTHER PRODUCTS OF MINERAL OIL ORIGIN.

24 (2) DISCHARGES FROM PERMITTED INDUSTRIAL USERS WHICH
25 CONTAIN FLOATABLE OILS, FATS OR GREASE.

26 (3) DISCHARGES FROM ANY USER CONTAINING MORE THAN THE
27 SPECIFIED CONCENTRATION OF FATS, OILS OR GREASE.

1 [D. Except as otherwise provided, no person shall discharge
2 or cause to be discharged into the sewer system any domestic waste,
3 industrial waste or other matter or substance which:

4 (7) Contains toxic or poisonous substances in sufficient
5 quantity, either singly or by interaction with other pollutants,
6 that could injure or interfere with the sewage treatment process or
7 constitute a hazard to humans or animals or create any hazard in
8 the receiving stream of the sewage treatment plant or exceed the
9 limitations set forth in a Categorical Pretreatment Standard
10 limiting the concentrations in mg/l of the following ions in the
11 discharges into the sanitary sewer system to one (1) mg/l:
12 arsenic, cyanide, phenol, lead, mercury, chromium trevalent,
13 chromium hexavalent, copper, cadmium, nickel, silver, tin and zinc.

14 In a case where a federal or state standard is more stringent than
15 the standards listed herein, the state or federal standard shall
16 apply. The above-described substances are limited to
17 concentrations which will not harm either the sewers or the
18 treatment plant, will not have an adverse effect on the receiving
19 stream or will not otherwise endanger lives or public property or
20 constitute a nuisance. The county may set lower or higher
21 limitations in specific cases if, in the opinion of the county,
22 such actions will be consistent with the above-stated objectives;
23 provided, however, that such limitations will in no way exceed
24 limitations established by appropriate federal and/or state
25 regulations. In the setting of such lower or higher limitations,
26 the county will give consideration to such factors as the quantity

1 of wastewater flow in relation to flows and velocities in the
2 sewers, degree of treatability of the waste and other pertinent
3 factors.]

4 D. EXCEPT AS OTHERWISE PROVIDED, NO PERSON SHALL DISCHARGE
5 OR PERMIT TO BE DISCHARGED INTO THE SEWER SYSTEM ANY DOMESTIC
6 WASTE, INDUSTRIAL WASTE OR OTHER MATTER OR SUBSTANCE WHICH:

7 (7) CONTAINS A TOXIC OR POISONOUS SUBSTANCE IN
8 SUFFICIENT QUANTITY, EITHER SINGLY OR BY INTERACTION WITH OTHER
9 POLLUTANTS, THAT MAY:

10 (a) INJURE OR INTERFERE WITH THE SEWAGE TREATMENT
11 PROCESS;

12 (b) CONSTITUTE A HAZARD TO HUMANS OR ANIMALS;

13 (c) CREATE ANY HAZARD IN THE RECEIVING STREAM OF
14 THE SEWAGE TREATMENT PLANT;

15 (d) EXCEED THE LIMITATIONS SET FORTH IN A
16 CATEGORICAL PRETREATMENT STANDARD; OR

17 (e) EXCEED THE LOCAL LIMITATIONS SET FORTH ANNUALLY
18 BY THE COUNTY AND PUBLISHED IN THE WATER AND SEWER RULES AND
19 REGULATIONS.

20 THE FOLLOWING COMPOUNDS ARE INCLUDED: ARSENIC, CYANIDE, PHENOL,
21 LEAD, MERCURY, TOTAL CHROMIUM, HEXAVALENT CHROMIUM, COPPER,
22 CADMIUM, NICKEL, SILVER, TIN AND ZINC. IN A CASE WHERE A FEDERAL
23 OR STATE STANDARD IS MORE STRINGENT THAN THE LOCAL STANDARDS
24 PUBLISHED IN THIS ARTICLE AND THE WATER AND SEWER RULES AND
25 REGULATIONS, THE STATE OR FEDERAL STANDARD SHALL APPLY.

26 J. A REGULATION ESTABLISHING A DISCHARGE STANDARD UNDER

SUBSECTIONS C OR D(7) OF THIS SECTION IS NOT EFFECTIVE UNTIL
APPROVED BY RESOLUTION OF THE COUNTY COUNCIL.

Section 2. And Be It Further Enacted that this Act shall take
effect sixty (60) calendar days from the date it becomes law.

EFFECTIVE: December 3, 1990



HARFORD COUNTY GOVERNMENT

90-50
(AS AMENDED)

July 18, 1990

HARFORD COUNTY DIVISION OF
WATER AND SEWER
Proposal
For Amendment to County Code 256-59C and D7
SEWAGE COLLECTION AND TREATMENT

CONTACT

Wayne H. Ludwig, Jr., Chief of Operations, 272-4647

PURPOSE

To comply with Federal Law 40CFR403.5.b.5(c) and State of Maryland Consent Order to provide Local Limits for defined substances.

PROBLEM

This section of the County Code provides numerical values for oil and grease and certain metals concentrations allowable at Harford County wastewater treatment plants (POTW).

The numerical limits in the law were submitted by a County consultant in 1985 and were based on textbook recommended values for a POTW.

Since the adoption of these regulations the State and EPA have required a development of more technically based Local Limits for each of the four POTW's operated by the County.

These limitations protect the quality of the effluent at the POTW, the operational characteristics of the POTW and the sludge generated at the POTW.

These Local Limits must be updated and fine tuned annually based on EPA, State and County standards and are calculated for each POTW. In effect, four sets of standards are probable.

The State has recommended through correspondence and a Consent Order that the Local Limits' numerical values be developed and published in separate regulations to allow a quick turnover.

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(AS AMENDED)

PROCEDURE

The amendment to 256-59 C and D7 will keep the satisfactory language of controlled substances use, but will not require yearly or even biannual legislation to update the numerical values.

The values can be published in the Water Sewer Rules and Regulations as required.

Publication of numerical limits requires State and EPA review and approval.

RESULTS

1. All County POTW's are protected.
2. County complies with State Consent Order.
3. County retains control of Pretreatment Program.
4. Less legislation for Council review and approval.

BY THE COUNCIL

BILL NO. 90-50 (As Amended)

Read the third time.

Passed: LSD 90-29 (October 2, 1990)

Failed of Passage: _____

By Order

Doris Poulsen, Secretary

Sealed with the County Seal and presented to the County Executive
for his approval this 3rd day of October, 1990
at 3:00 o'clock P.M.

Doris Poulsen, Secretary

BY THE EXECUTIVE

COUNTY EXECUTIVE

Date 10-4-90

APPROVED:

BY THE COUNCIL

This Bill, (No. 90-50 As Amended), having been approved by
the Executive and returned to the Council, becomes law on October 4,
1990.

Doris Poulsen, Secretary

EFFECTIVE DATE: December 3, 1990